



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Medical and Industrial

J84-2120 Series Backlit Washable Keyboard



**Washable Backlit Keyboard
with Integrated Pointing
Device for Medical and
Industrial Applications**



Main Applications

Medical

- Carts
- Diagnostic equipment
- Operating rooms
- Dialysis centers

Industrial

- In vehicle computing
- Clean or dirty manufacturing environments
- Warehouses

Key Features

Compact, unique, easy-to-wipe keypad

- No room for bacteria and infection traps
- Easy-to-clean surface
- Integrated Pointing Device

Clean key

- Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
- User is notified of 'lock down mode' by brightly lit CLEAN KEY

Rugged and fully sealed

- Completely sealed rubber top casing-NEMA 4 rating
- Suitable for rinsing with cleaning and disinfection fluids. Impervious to typical hospital cleaning solutions
- Pretapped mounting holes for easy installation

Selectable Backlit Keys

- 4 levels of brightness to properly adjust lighting



J84-2120 Series Backlit Washable Keyboard

Part Number Legend

J84-2120LUAUS-5



Main Part Numbers

J84-2120LUAUS-2

Washable, Black 11" USB, QWERTY, Adjustable LED Backlighting Keys, Clean Key, NEMA 4, Integrated Pointing Device

J84-2120LUAUS-5

Washable, Lt Blue 11" USB, QWERTY, Adjustable LED Backlighting Keys, Clean Key, NEMA 4, Integrated Pointing Device

Technical Data

Interface

USB 1.1

Current Input

- 5 VDC @ 250 mA typical with backlighting at maximum brightness
- Radiated immunity: 20 volts/Meter

Cable Length

43.4"
1.102 Meters

Key Layout

83 key positions US key layout including Windows keys

Weight

2 lbs, .9 kg (Approx)

Dimension

11.4" x 6.4" x 1.9" (Approx)
290 x 162 x 48 mm

Colors

- Black
- Medical Blue

Technology

- Feedback: tactile
- Material: industrial silicon rubber

Keyswitch Lifetime

3 million operations

LED:

- Life = 200,000 hours continuous "on"
- Button-selectable 4 levels of brightness
- Color:
J84-2120LUAUS-2; Red LED Standard
J84-2120LUAUS-5; Green LED Standard

Housing

High impact PC/ sealed for virtual (NEMA 4 requirements)

Operating Temperature

-40°C to +70°C

Storage Temperature

-55°C to +70°C

Humidity

100%

Compliance

CE, FCC Class B, UL 60950, NEMA 4

Packaging Units

20 per Master Carton

Contact

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Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.

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